

CMS Preliminary

pp 301 pb⁻¹ (5.02 TeV)

Relative uncertainty

Statistical

Shower and hadronization

FSR and ISR scale

b jet fraction model dependence

b tagging efficiency

anti- k_T , $R = 0.4$ b jets $100 < p_T^{\text{jet}} < 120 \text{ GeV}$, $|\eta^{\text{jet}}| < 2$

Charged soft drop

 $z_{\text{cut}} = 0.1$, $\beta = 0$, $k_T > 1 \text{ GeV}$

Response matrix stat.

Jet energy resolution

Jet energy scale

Tracking efficiency

Light and charm misid. rate

 $\ln(R/R_g)$

0.4

0.3

0.2

 R_g

0.1

0.09

0.08

0.07

0.06

0.05

